
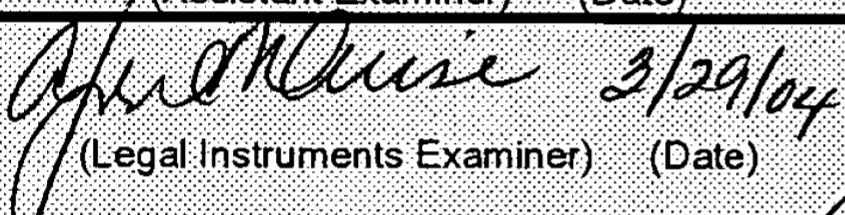




| | | | |
|--|-----------------|---------------|--|
| Issue Classification  | Application No. | Applicant(s) | |
| | 09/878,050 | BOYLAN ET AL. | |
| | Examiner | Art Unit | |
| | Steven S. Paik | 2876 | |

| ISSUE CLASSIFICATION | | | | | | | | | | | | |
|------------------------------|---|----------|---|--------|--------------------|-----------------------------------|--------|--------|--------|-----|--|--|
| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | | | | |
| CLASS | | SUBCLASS | | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | |
| 235 | | 462.45 | | | 235 | 462.46 | 462.47 | 472.01 | 472.03 | 383 | | |
| INTERNATIONAL CLASSIFICATION | | | | | 707 | 3 | | | | | | |
| G | 0 | 6 | K | 07//10 | | | | | | | | |
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|--|--|---|--|--------------------------|-----------------|
| Steven S. Paik 03/19/2004 (Assistant Examiner) (Date) | | MICHAEL G. LEE SUPERVISORY PATENT EXAMINER TECHNOLOGY CENTER 2800 | | Total Claims Allowed: 60 | |
|  (Legal Instruments Examiner) (Date) | |  (Primary Examiner) (Date) | | O.G. Print Claim(s) | O.G. Print Fig. |
| | | | | 1 | 17 |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | <input type="checkbox"/> CPA | | | | <input type="checkbox"/> T.D. | | | | <input type="checkbox"/> R.1.47 | | | |
|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|--|--|
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | | |
| | 1 | | 31 | | 61 | | 91 | | 121 | | 151 | | 181 | | |
| | 2 | | 32 | | 62 | | 92 | | 122 | | 152 | | 182 | | |
| | 3 | | 33 | | 63 | | 93 | | 123 | | 153 | | 183 | | |
| | 4 | | 34 | | 64 | | 94 | 1 | 124 | | 154 | | 184 | | |
| | 5 | | 35 | | 65 | | 95 | 2 | 125 | | 155 | | 185 | | |
| | 6 | | 36 | | 66 | | 96 | 3 | 126 | | 156 | | 186 | | |
| | 7 | | 37 | | 67 | | 97 | 4 | 127 | | 157 | | 187 | | |
| | 8 | | 38 | | 68 | | 98 | 5 | 128 | | 158 | | 188 | | |
| | 9 | | 39 | | 69 | | 99 | 6 | 129 | | 159 | | 189 | | |
| | 10 | | 40 | | 70 | | 100 | 7 | 130 | | 160 | | 190 | | |
| | 11 | | 41 | | 71 | | 101 | 8 | 131 | | 161 | | 191 | | |
| | 12 | | 42 | | 72 | | 102 | 9 | 132 | | 162 | | 192 | | |
| | 13 | | 43 | | 73 | | 103 | 10 | 133 | | 163 | | 193 | | |
| | 14 | | 44 | | 74 | | 104 | 11 | 134 | | 164 | | 194 | | |
| | 15 | | 45 | | 75 | | 105 | 12 | 135 | | 165 | | 195 | | |
| | 16 | | 46 | | 76 | | 106 | 13 | 136 | | 166 | | 196 | | |
| | 17 | | 47 | | 77 | | 107 | 14 | 137 | | 167 | | 197 | | |
| | 18 | | 48 | | 78 | | 108 | 15 | 138 | | 168 | | 198 | | |
| | 19 | | 49 | | 79 | | 109 | | 139 | | 169 | | 199 | | |
| | 20 | | 50 | | 80 | | 110 | | 140 | | 170 | | 200 | | |
| | 21 | | 51 | | 81 | | 111 | | 141 | | 171 | | 201 | | |
| | 22 | | 52 | | 82 | | 112 | | 142 | | 172 | | 202 | | |
| | 23 | | 53 | | 83 | | 113 | | 143 | | 173 | | 203 | | |
| | 24 | | 54 | | 84 | | 114 | | 144 | | 174 | | 204 | | |
| | 25 | | 55 | | 85 | | 115 | | 145 | | 175 | | 205 | | |
| | 26 | | 56 | | 86 | | 116 | | 146 | | 176 | | 206 | | |
| | 27 | | 57 | | 87 | | 117 | | 147 | | 177 | | 207 | | |
| | 28 | | 58 | | 88 | | 118 | | 148 | | 178 | | 208 | | |
| | 29 | | 59 | | 89 | | 119 | | 149 | | 179 | | 209 | | |
| | 30 | | 60 | | 90 | | 120 | | 150 | | 180 | | 210 | | |

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|--|-----------------|---------------|--|
| Issue Classification  | Application No. | Applicant(s) | |
| | 09/878,050 | BOYLAN ET AL. | |
| | Examiner | Art Unit | |
| | Steven S. Paik | 235 | |

| ISSUE CLASSIFICATION | | | | | | | | | | | | |
|--|---|----------|---|-------|---------------------------|-----------------------------------|--------|--------|--------|-----------------------------|--|--------------------------|
| ORIGINAL | | | | | CROSS REFERENCE(S) | | | | | | | |
| CLASS | | SUBCLASS | | | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK) | | | | | | |
| 235 | | 462.45 | | | 235 | 462.46 | 462.47 | 472.01 | 472.03 | 383 | | |
| INTERNATIONAL CLASSIFICATION | | | | | 707 | 3 | | | | | | |
| G | 0 | 6 | K | 07/10 | | | | | | | | |
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| | | | | / | | | | | | | | |
| Steven S. Paik 03/19/2004 (Assistant Examiner) (Date) | | | | | | | | | | Total Claims Allowed: 60 | | |
| (Legal Instruments Examiner) (Date) | | | | | | | | | | O.G. Print Claim(s) 1 | | O.G. Print Fig. 17 |
| | | | | | (Primary Examiner) (Date) | | | | | | | |

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|--|----------|-------|----------|------------------------------|----------|-------|----------|-------------------------------|----------|-------|----------|---------------------------------|----------|-------|----------|
| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant | | | | <input type="checkbox"/> CPA | | | | <input type="checkbox"/> T.D. | | | | <input type="checkbox"/> R.1.47 | | | |
| Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original | Final | Original |
| | 211 | | 241 | | 271 | | 301 | 55 | 331 | | 361 | | 391 | | |
| | 212 | | 242 | | 272 | | 302 | 56 | 332 | | 362 | | 392 | | |
| | 213 | | 243 | | 273 | | 303 | 57 | 333 | | 363 | | 393 | | |
| | 214 | | 244 | | 274 | | 304 | 58 | 334 | | 364 | | 394 | | |
| | 215 | | 245 | | 275 | | 305 | 59 | 335 | | 365 | | 395 | | |
| | 216 | | 246 | | 276 | | 306 | 60 | 336 | | 366 | | 396 | | |
| | 217 | | 247 | 16 | 277 | 31 | 307 | | 337 | | 367 | | 397 | | |
| | 218 | | 248 | 17 | 278 | 32 | 308 | | 338 | | 368 | | 398 | | |
| | 219 | | 249 | 18 | 279 | 33 | 309 | | 339 | | 369 | | 399 | | |
| | 220 | | 250 | 19 | 280 | 34 | 310 | | 340 | | 370 | | 400 | | |
| | 221 | | 251 | 20 | 281 | 35 | 311 | | 341 | | 371 | | 401 | | |
| | 222 | | 252 | 21 | 282 | 36 | 312 | | 342 | | 372 | | 402 | | |
| | 223 | | 253 | 22 | 283 | 37 | 313 | | 343 | | 373 | | 403 | | |
| | 224 | | 254 | 23 | 284 | 38 | 314 | | 344 | | 374 | | 404 | | |
| | 225 | | 255 | 24 | 285 | 39 | 315 | | 345 | | 375 | | 405 | | |
| | 226 | | 256 | 25 | 286 | 40 | 316 | | 346 | | 376 | | 406 | | |
| | 227 | | 257 | 26 | 287 | 41 | 317 | | 347 | | 377 | | 407 | | |
| | 228 | | 258 | 27 | 288 | 42 | 318 | | 348 | | 378 | | 408 | | |
| | 229 | | 259 | 28 | 289 | 43 | 319 | | 349 | | 379 | | 409 | | |
| | 230 | | 260 | 29 | 290 | 44 | 320 | | 350 | | 380 | | 410 | | |
| | 231 | | 261 | 30 | 291 | 45 | 321 | | 351 | | 381 | | 411 | | |
| | 232 | | 262 | | 292 | 46 | 322 | | 352 | | 382 | | 412 | | |
| | 233 | | 263 | | 293 | 47 | 323 | | 353 | | 383 | | 413 | | |
| | 234 | | 264 | | 294 | 48 | 324 | | 354 | | 384 | | 414 | | |
| | 235 | | 265 | | 295 | 49 | 325 | | 355 | | 385 | | 415 | | |
| | 236 | | 266 | | 296 | 50 | 326 | | 356 | | 386 | | 416 | | |
| | 237 | | 267 | | 297 | 51 | 327 | | 357 | | 387 | | 417 | | |
| | 238 | | 268 | | 298 | 52 | 328 | | 358 | | 388 | | 418 | | |
| | 239 | | 269 | | 299 | 53 | 329 | | 359 | | 389 | | 419 | | |
| | 240 | | 270 | | 300 | 54 | 330 | | 360 | | 390 | | 420 | | |